

PTO/SB/17 (05-03)

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Effective 01/01/2003, Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT	(\$)	1,160.00
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Application Number	09/212,657-Conf. #8157
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Filing Date	December 15, 1998
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First Named Inventor	Dae-Gyu Moon
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Examiner Name	D. Nguyen
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Art Unit	2871
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Attorney Docket No.	8733.133.00-US
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<input checked="" type="checkbox"/>	Check	<input type="checkbox"/>	Credit Card	<input type="checkbox"/>	Money Order	<input type="checkbox"/>	Other	<input type="checkbox"/>	None
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☐ Deposit Account

Deposit
Account
Number

50-0911

Deposit
Account
Name

McKenna Long & Aldridge LLP

The Director is hereby authorized to: *(check all that apply)*

Charge fee(s) indicated below	X	Credit any overpayments
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☒ Charge any additional fee(s) during the pendency of this application

☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

1. BASIC FILING FEE

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when they are acquired and control is transferred to the entity.	Assets are recognized when they are acquired and control is transferred to the entity.
4. Liability Recognition	Liabilities are recognized when they are incurred and control is transferred to the entity.	Liabilities are recognized when they are incurred and control is transferred to the entity.
5. Equity Recognition	Equity is recognized when it is contributed by the owners or generated by the entity's operations.	Equity is recognized when it is contributed by the owners or generated by the entity's operations.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	750	2001	375	Utility filing fee	
1002	330	2002	165	Design filing fee	
1003	520	2003	260	Plant filing fee	
1004	750	2004	375	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1)	(\$)	0.00
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	Extra Claims	Fee from below	Fee Paid
Total Claims <input type="text"/>	**- = <input type="text"/>	x <input type="text"/>	= <input type="text"/>
Independent Claims <input type="text"/>	**- = <input type="text"/>	x <input type="text"/>	= <input type="text"/>
Multiple Dependent <input type="text"/>			= <input type="text"/>

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when they are acquired and have a measurable value.	Assets are recognized when they are acquired and have a measurable value.
4. Liability Recognition	Liabilities are recognized when they are incurred and have a measurable value.	Liabilities are recognized when they are incurred and have a measurable value.
5. Equity Recognition	Equity is recognized when it is contributed by the owners or generated by the company's operations.	Equity is recognized when it is contributed by the owners or generated by the company's operations.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2)	(\$)	0.00
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****or number previously paid, if greater; For Reissues, see above**

3. ADDITIONAL FEES

	Large Entity	Small Entity
1. Revenue Recognition	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.	Revenue is recognized when the performance obligation is satisfied, which is when control of the goods or services is transferred to the customer.
2. Expense Recognition	Expenses are recognized when the related asset is consumed or the liability is incurred.	Expenses are recognized when the related asset is consumed or the liability is incurred.
3. Asset Recognition	Assets are recognized when the company has control over a resource that is expected to generate future economic benefits.	Assets are recognized when the company has control over a resource that is expected to generate future economic benefits.
4. Liability Recognition	Liabilities are recognized when the company has a present obligation to transfer an asset or provide a service in the future.	Liabilities are recognized when the company has a present obligation to transfer an asset or provide a service in the future.
5. Equity Recognition	Equity is recognized as the residual interest in the assets of the entity after deducting all liabilities.	Equity is recognized as the residual interest in the assets of the entity after deducting all liabilities.

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge – late filing fee or oath	
1052	50	2052	25	Surcharge – late provisional filing fee or cover sheet.	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	410	2252	205	Extension for reply within second month	410.00
1253	930	2253	465	Extension for reply within third month	
1254	1,450	2254	725	Extension for reply within fourth month	
1255	1,970	2255	985	Extension for reply within fifth month	
1401	320	2401	160	Notice of Appeal	
1402	320	2402	160	Filing a brief in support of an appeal	
1403	280	2403	140	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive – unavoidable	
1453	1,300	2453	650	Petition to revive - unintentional	
1501	1,300	2501	650	Utility issue fee (or reissue)	
1502	470	2502	235	Design issue fee	
1503	630	2503	315	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	750	2809	375	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	750	2810	375	For each additional invention to be examined (37CFR 1.129(b))	
1801	750	2801	375	Request for Continued Examination (RCE)	750.00
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3)	(\$)	1,160.00
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Complete (if applicable)

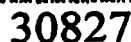
Name (Print/Type)	Song K. Jung
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Registration No. (Attorney/Agent)	35,210
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Telephone	(202) 496-7413
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Signature

Date	August 26, 2003
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PATENT TRADEMARK OFFICE

DC:50237597.1